FIG. 1

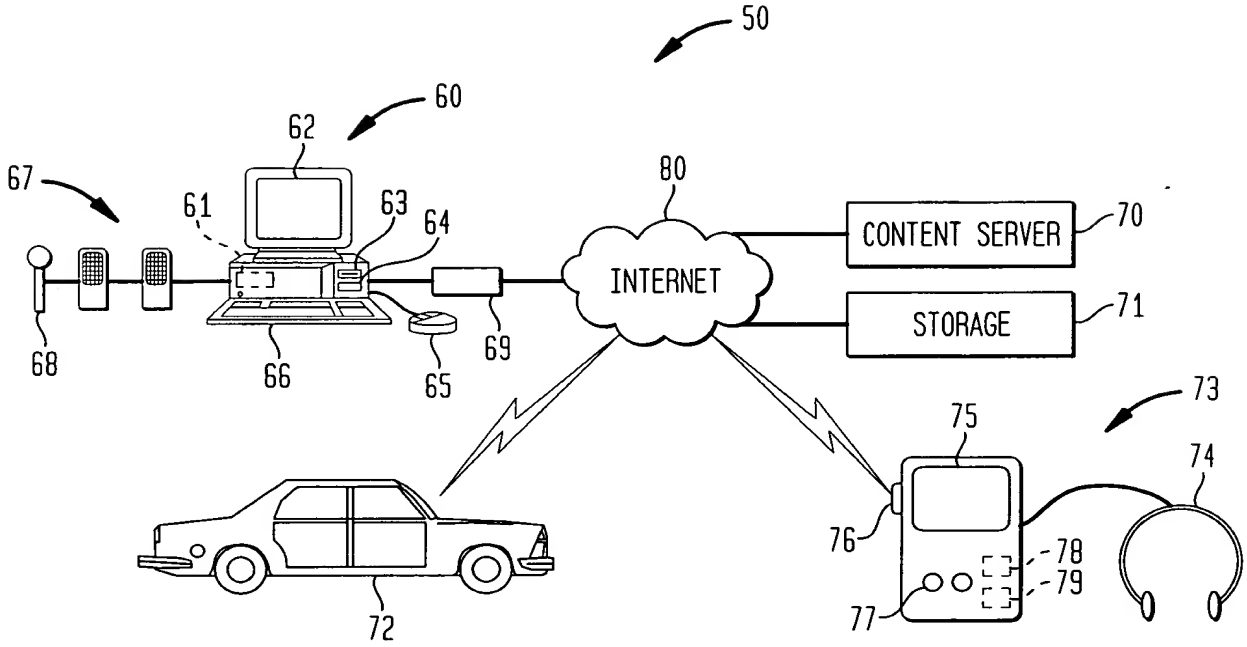
50
60
62
67
61
63
64
80
CONTENT SERVER
70
INTERNET
STORAGE
71
68
66
65
69
73
75
74
76
78
79
77
72

FIG. 2

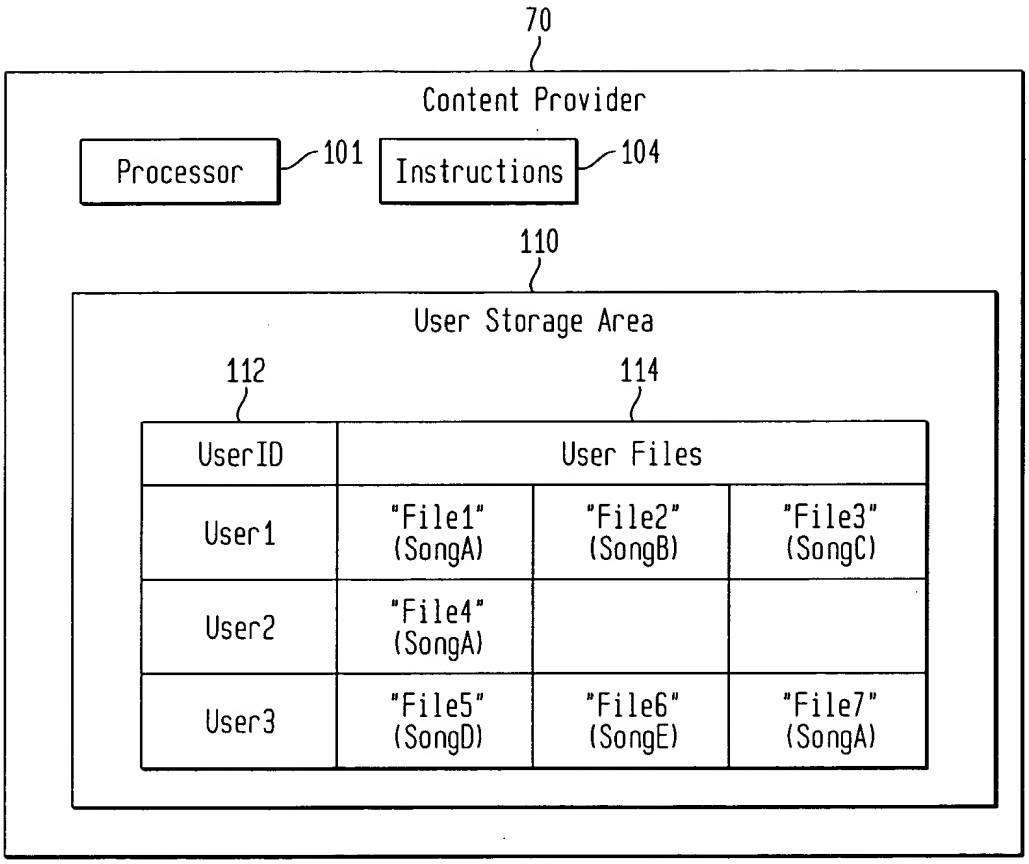
70
Content Provider
Processor
101
Instructions
104
110
User Storage Area
112
114
UserID
User Files
User1
"File1" (SongA)
"File2" (SongB)
"File3" (SongC)
User2
"File4" (SongA)
User3
"File5" (SongD)
"File6" (SongE)
"File7" (SongA)

FIG. 3

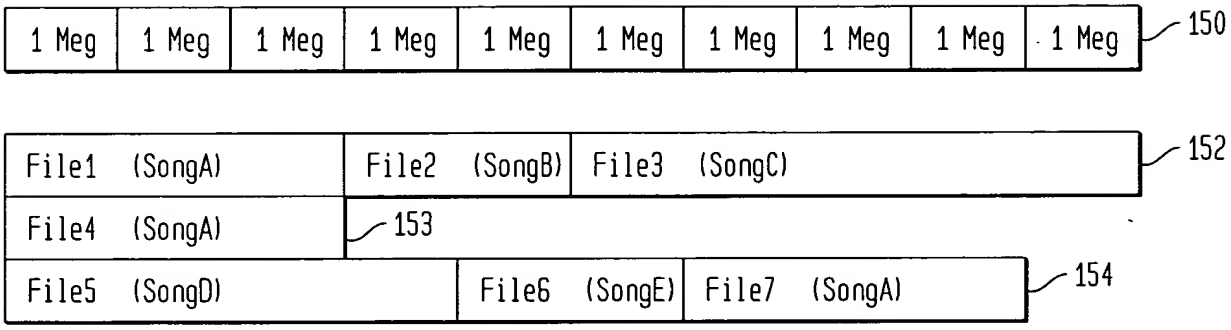
1 Meg
1 Meg
1 Meg
1 Meg
1 Meg
1 Meg
1 Meg
1 Meg
1 Meg
1 Meg
150
File1 (SongA)
File2 (SongB)
File3 (SongC)
152
File4 (SongA)
153
File5 (SongD)
File6 (SongE)
File7 (SongA)
154

FIG. 4A

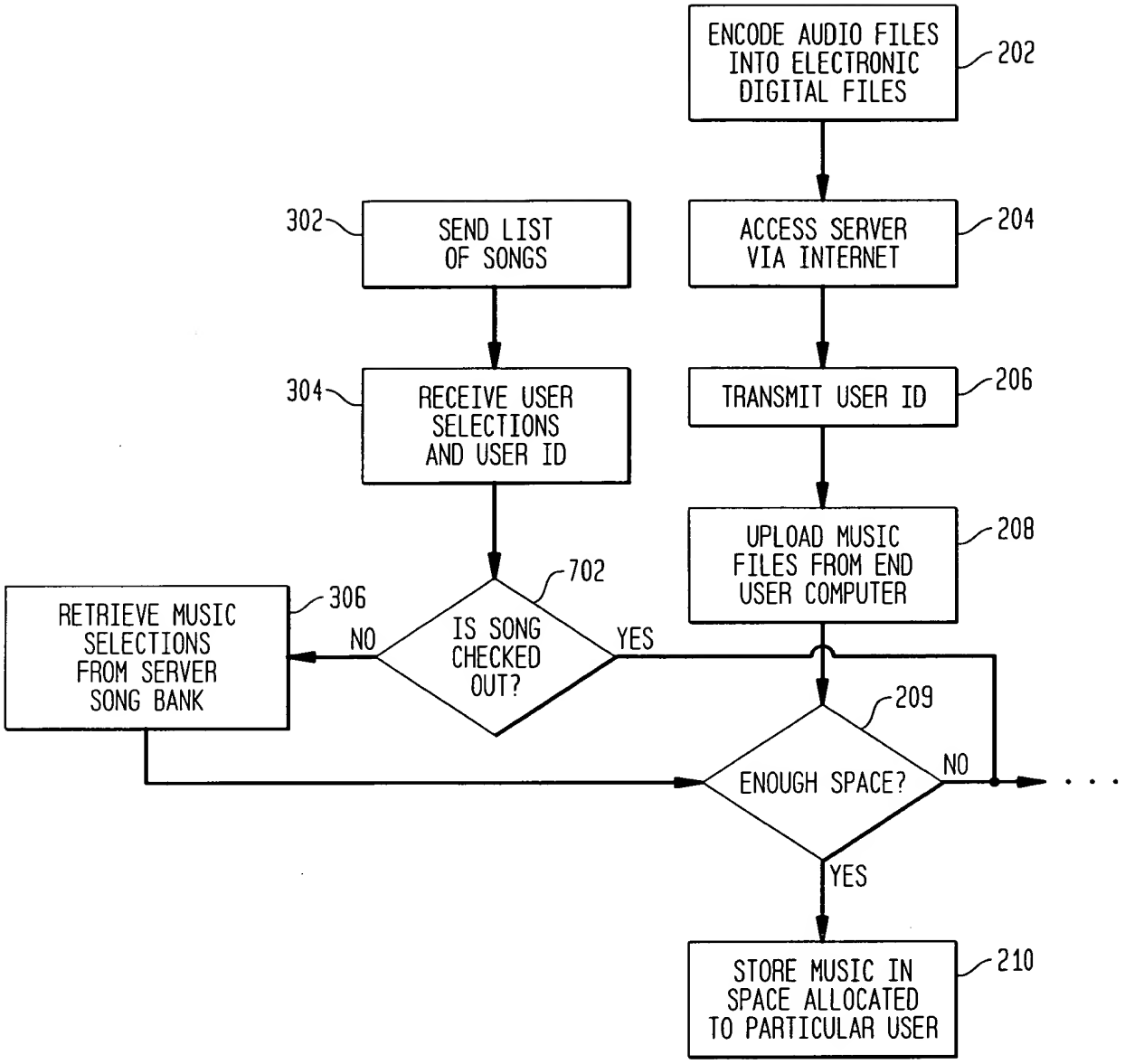
ENCODE AUDIO FILES INTO ELECTRONIC DIGITAL FILES
202
ACCESS SERVER VIA INTERNET
204
TRANSMIT USER ID
206
UPLOAD MUSIC FILES FROM END USER COMPUTER
208
ENOUGH SPACE?
209
NO
YES
STORE MUSIC IN SPACE ALLOCATED TO PARTICULAR USER
210
SEND LIST OF SONGS
302
RECEIVE USER SELECTIONS AND USER ID
304
IS SONG CHECKED OUT?
702
NO
YES
RETRIEVE MUSIC SELECTIONS FROM SERVER SONG BANK
306

FIG. 4B

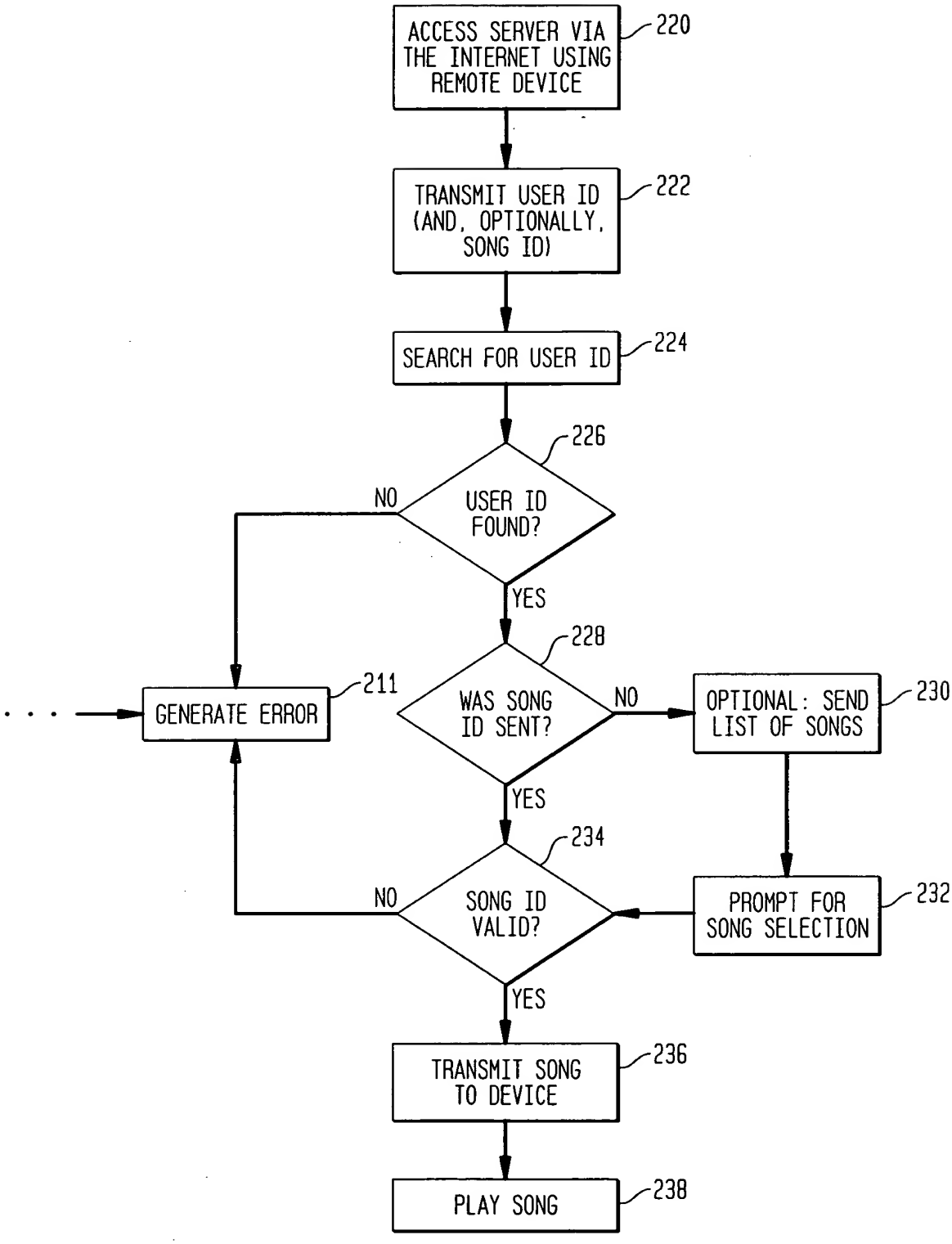
ACCESS SERVER VIA THE INTERNET USING REMOTE DEVICE
220
TRANSMIT USER ID (AND, OPTIONALLY, SONG ID)
222
SEARCH FOR USER ID
224
226
USER ID FOUND?
NO
YES
228
WAS SONG ID SENT?
NO
YES
OPTIONAL: SEND LIST OF SONGS
230
PROMPT FOR SONG SELECTION
232
234
SONG ID VALID?
NO
YES
GENERATE ERROR
211
TRANSMIT SONG TO DEVICE
236
PLAY SONG
238

FIG. 5

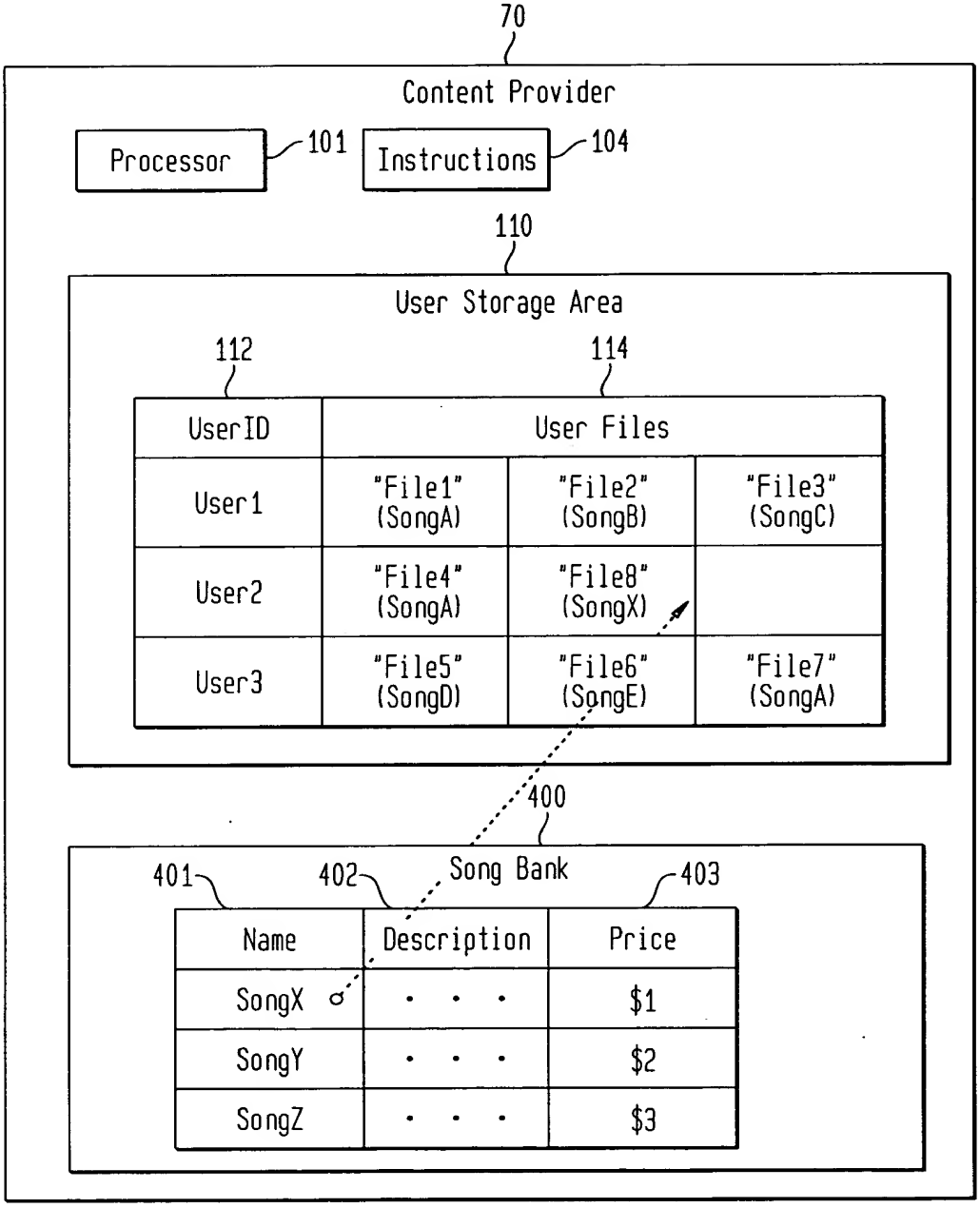
70
Content Provider
Processor
101
Instructions
104
110
User Storage Area
112
114
UserID
User Files
User1
"File1" (SongA)
"File2" (SongB)
"File3" (SongC)
User2
"File4" (SongA)
"File8" (SongX)
User3
"File5" (SongD)
"File6" (SongE)
"File7" (SongA)
400
Song Bank
401
402
403
Name
Description
Price
SongX
SongY
SongZ
$1
$2
$3

FIG. 6

512 DeviceID	514 User Files	513 Copies Left:
Device1	"File1" (SongA)	5
Device2	"File4" (SongA)	3
Device3	"File5" (SongD)	unlimited

FIG. 7

612 UserID	614 User Files			616 Device Identifiers			
User1	"File1" (SongA)	"File2" (SongB)	"File3" (SongC)	Device1 (Walkman brand player)	Device2 (Car)	Device3 (PC)	Device4 (Clie brand PDA)
User2	"File4" (SongA)			Device5 (Walkman brand player)			
User3	"File5" (SongD)	"File6" (SongE)	"File7" (SongA)	Device6 (Walkman brand player)	Device7 (PDA)		